

**WHAT IS CLAIMED IS:**

1           1.    A link lock system for a network, comprising:  
2           a computer;  
3           a network interface device to provide the computer with  
4           access to the network;  
5           a bus monitor to monitor a first link between the  
6           network interface device and the computer, where said bus  
7           monitor reports detected failures or intrusions; and  
8           a security switch to switch the first link from a non-  
9           secured mode to a secured mode when a report of said  
10          detected failures or intrusions is received from the bus  
11          monitor.

1           2.    The system of claim 1, wherein said computer is a  
2           server.

1           3.    The system of claim 1, wherein the network  
2           operates in a secured mode using an HTTP-S protocol.

1           4.    The system of claim 1, wherein said non-secured  
2           mode of the first link between the network device and the  
3           computer uses HTTP protocol.

1           5.    The system of claim 4, wherein said secured mode  
2   of the first link between the network device and the  
3   computer uses HTTP-S protocol.

1           6.    The system of claim 1, further comprising:  
2           a controller that receives the report from the bus  
3   monitor and sends control signals to the network interface  
4   device, the security switch, and the computer.

1           7.    The system of claim 6, further comprising:  
2           an encryption element in the computer, where said  
3   encryption element converts data placed on said first link  
4   to a secured protocol when the control signal is received  
5   from said controller.

1           8.    A system for a server, comprising:  
2           an interface device to provide the server with access  
3   to a network; and  
4           a controller to monitor a link between the interface  
5   device and the server, where said controller switches the  
6   link from a non-secured protocol to a secured protocol when  
7   failures or intrusions are detected on the link.

1           9.    The system of claim 8, wherein the network is  
2   Internet, such that the non-secured protocol includes HTTP  
3   and the secured protocol includes HTTP-S.

1           10.   The system of claim 8, wherein said controller  
2   sends a control signal to the server when failures or  
3   intrusions are detected on the link.

1           11.   The system of claim 10, further comprising:  
2           an encryption element in the server, where said  
3   encryption element converts data placed on said link by the  
4   server to a secured protocol when the control signal is  
5   received from said controller.

1           12.   A method, comprising:  
2           monitoring a link between a network device and a  
3   computer;  
4           first directing the link to use a secured protocol when  
5   failures or intrusions are detected on the link; and  
6           second directing the link to revert to a non-secured  
7   protocol when said detected failures or intrusions have been  
8   corrected.

1           13.   The method of claim 12, wherein said non-secured  
2   protocol includes HTTP protocol.

1           14. The method of claim 12, wherein said secured  
2 protocol includes HTTP-S protocol.

1           15. The method of claim 12, wherein the computer is a  
2 server.

1           16. An apparatus comprising a machine-readable storage  
2 medium having executable instructions that enable the  
3 machine to:

4           monitor a link between a network device and a server;  
5           first directing the link to use a secured protocol when  
6 failures or intrusions are detected on the link; and  
7           second directing the link to revert to a non-secured  
8 protocol when said detected failures or intrusions have been  
9 corrected.

1           17. The apparatus of claim 16, wherein said non-  
2 secured protocol includes HTTP protocol.

1           18. The apparatus of claim 16, wherein said secured  
2 protocol includes HTTP-S protocol.